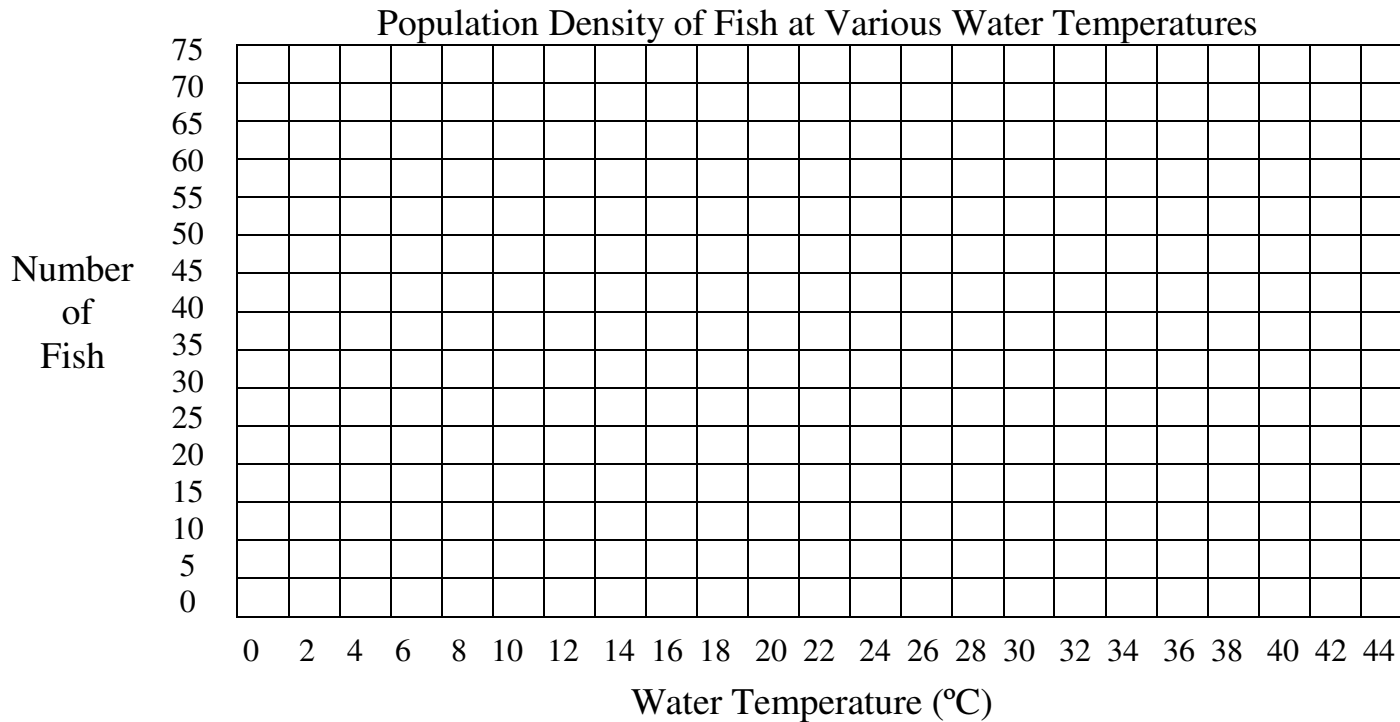


Name \_\_\_\_\_

### Population Density and Limiting Factors

Create a bar graph of the following data on the chart provided below. Then, use the information from the table and graph to answer the questions below.



Water Temperature (°C)	Number of Fish
0	0
2	0
4	0
6	2
8	5
10	5
12	15
14	15
16	30
18	45
20	60
22	70
24	70
26	75
28	75
30	75
32	70
34	60
36	50
38	30
40	15
42	3
44	0

- What is the optimal temperature range for these fish? \_\_\_\_\_
- How did you reach that conclusion?
- What are the zones of stress (in terms of temperature) for these fish? \_\_\_\_\_ and \_\_\_\_\_
- How did you reach that conclusion?
- What is the range of tolerance (in terms of temperature) for these fish? \_\_\_\_\_
- How did you reach that conclusion?
- If the temperature of the water is outside of this range, what will happen to the fish?